ECLIPSES, 1748.

THIS Year there will be four Eclipſes; two of each Luminary; in the following Order:

The Firſt is a Solar Defect, on *Monday* the 18th Day of *January*, about 10 at Night, therefore inviſible.

The Second is an Eclipſe of the Moon, on *Wedneſday* the 3d of *February*, in the Morning, the Middle whereof will be at the Moon's Setting, when the Digits eclipſed will be $3\frac{2}{10}$; and it begins (according to Mr. *Brent*'s Tables) at 46 min. after 5, apparent Time.

The Third is a viſible Eclipſe of the Sun, on *July* the 14th in the Morning. The greateſt Obſcuration here (according to Sir *Iſaac Newton*'s Theory) will be near 7 Digits at Sun-riſing, which is at $50\frac{1}{2}$ min. paſt 4; and the End of the Eclipſe will be at 31 paſt 5, apparent Time. This will be an annular Eclipſe, farther to the North-Eaſtward. The Center of the *Penumbra* firſt touches the Earth about *Quebec*; then paſſing down the River of St. *Lawrence*, it enters the Ocean to the Northward of *Newfoundland*, and ſtretches over towards the Iſland of *Sky*, in *Scotland*; then marches over-land towards *Aberdeen*, and paſſing over the *German* Sea, it enters *Germany* about *Hamburgh*; and then away over the Continent into the *Black Sea*, near *Bender*; then over to *Natolia* and the *Holy Land* towards the Gulf of *Perſia*; and then down the Gulf into the ſouthern Parts of the *Mogul*'s Empire; and paſſing over to *Coromandel*, it leaves the Earth near *Fort St. George*, where a central Eclipſe will be viſible as the Sun goes down.

The Fourth is an Eclipſe of the Moon, on *Thurſday* the 28th Day of *July*, in the Evening. The Moon will riſe eclipſed 3 Digits, at 56 min. after 6 a Clock; and the End will be at 23 min. paſt 7, apparent Time. Thoſe who are removed far enough to the Eaſtward will ſee the greateſt Obſcuration, which is $5\frac{3}{10}$ Digits.

READING, Writing, Arithmetick, Merchants Accompts, Geometry, Algebra, Surveying, Gauging, Navigation, Aſtronomy, and all other mathematical Sciences, are taught at large, by

THEOPHILUS GREW, in *Philadelphia*.

Supreme COURTS *in* Pennſylvania, *are held*,

AT *Philadelphia*, the tenth Day of *April*, and the twenty-fourth Day of *September*.

Courts of Quarter Seſſions, are held,

AT *Philadelphia*, the 1ſt Monday in *March*, *June*, *September* and *December*. At *Newtown*, for *Bucks* County, on the 11th Day following (incluſive) in every of the Months aforeſaid. At *Cheſter*, the laſt Tueſday in *May*, *Auguſt*, *November* and *February*. At *Lancaſter*, the 1ſt tueſday in each.

Courts of Common Pleas, are held,

AT *Philadelphia*, the 1ſt wedneſday after the Quarter-Seſſions in *March*, *June*, *Sept.* and *Decem.* At *Newtown*, the 9th day following (incluſive) in every of the months aforeſaid. At *Cheſter*, the laſt tueſd. in *May*, *Auguſt*, *Novem.* and *Febr.* At *Lancaſter*, the 1ſt tueſd. in the months aforeſaid. At *Suſſex*, the 1ſt, at *Kent*, the 2d, and at *Newcaſtle*, the 3d tueſday in the ſame months.

Mayor's Courts in Philadelphia, *are held*,

THE 1ſt tueſday in *January*, *April*, *July* and the laſt tueſday in *October*.

Supreme Courts in New-Jerſey, *are held*,

AT *Amboy*, the 3d tueſday in *March*, and the 2d tueſday in *Auguſt*. At *Burlington*, the 2d tueſday in *May*, and the 1ſt tueſday in *November*.

Courts for Tryal of Cauſes brought to iſſue in the Supreme Court, are held.

FOR *Salem* and *Cape-May* Counties the 3d, for *Glouceſter* the 4th tueſday in *April*. For *Hunterdon*, the 1ſt tueſday in *May*. For *Somerſet* the 2d, for *Bergen* the 4th tueſday in *October*. For *Eſſex*, the next tueſd. following. For *Monmouth*, the next tueſday after that.

General Seſſions and County Courts, are held,

IN *Bergen* County, the 1ſt tueſdays in *January* and *October*, and the 2d tueſday in *June*. In *Eſſex* the 2d tueſdays in *January* and *May*, the 3d tueſday in *June*, and 4th in *September*. In *Middleſex* the 3d tueſdays in *January*, *April* and *July*, and the 2d tueſday in *October*. In *Somerſet*, the firſt tueſdays in *January*, *April* and *October*, and the 2d tueſday in *June*. In *Monmouth*, the 4th tueſdays in *January*, *April* and *July*, and 3d in *October*. In *Hunterdon*, the firſt tueſdays in